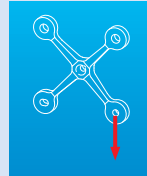
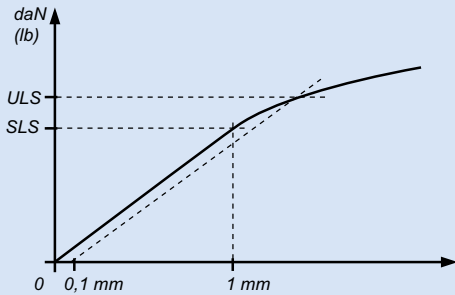


Reference: S3003

Mechanical performances:



Load parallel to glass
(per arm Ep. 10 mm)

SLS* at 1 mm
1077 daN
(2421 lb)

ULS*
820 daN
(1843 lb)



Load perpendicular
to glass (per arm Ep. 10 mm)

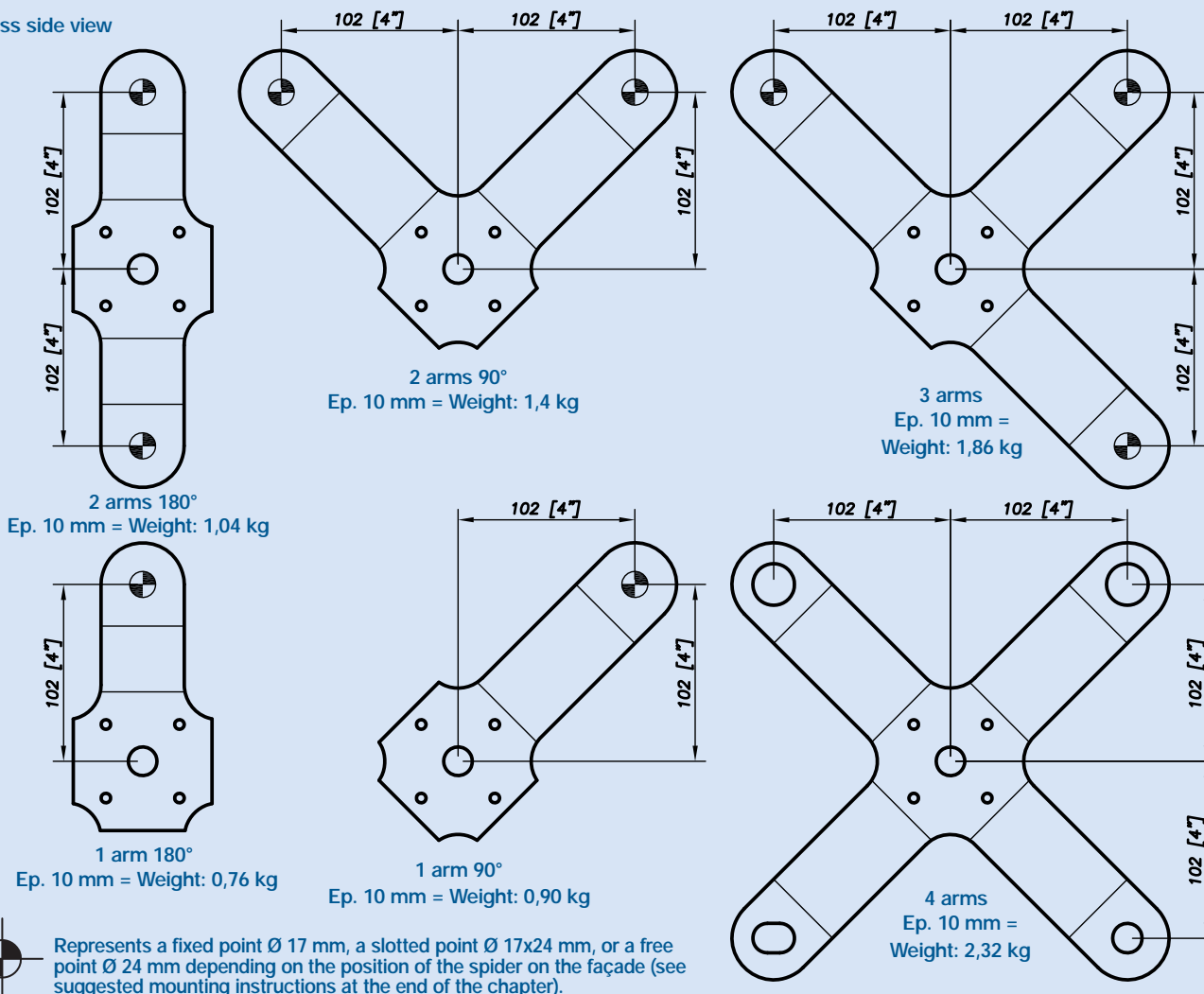
SLS* at 1 mm
85 daN
(191 lb)

ULS*
136 daN
(305 lb)

*SLS: Serviceability Limit State (load causing a deformation of 1 mm)
ULS: Ultimate Limit State: Elastic limit Rp0.1 (maximal load causing a permanent deformation of the spider of 0,1 mm).

Configuration:

Glass side view



Suggested mounting instruction:

The drilling diameter for the pins is 6 mm. Do not drill the holes for the pins in your structure before mounting the spiders. To fix the spider on your structure the "Omega" (see accessories) is highly recommended to adjust the spider's position. The fixing of the spider is done with a M16 or a M12 bolt (out of Sadev supply). This bolt shall not be fitted into a vertical slotted holes due to the risk of slipping (under the weight), the pins are not designed to hold any permanent loads (cf. specification sheet). The spider has to be positioned on a flat support. The slotted holes Ø 17x24 mm and free holes Ø 24 mm in the spider are not to be used to adjust the spider! They are needed to absorb the manufacturing tolerances and the thermal deformation of the glass and of the structure. The spiders are standardized for M14 fittings (FXR, FXV); other diameters are available on request.

SADEV recommends using thread locking compound, except in case of specific mounting constraints.